

STAT

SPECIFICATION FOR "KONTAKT"  
[Sulfonic Acids from Oil Refining]

September 29, 1949  
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TECHNICAL NORMS FOR OIL PRODUCTS

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Page 164

This is a translation of a portion of the original book.

| Properties                                                      | Kerosene Kontakt                                              |          | Gas Oil Kontakt |
|-----------------------------------------------------------------|---------------------------------------------------------------|----------|-----------------|
|                                                                 | GOST* 463-43                                                  |          |                 |
|                                                                 | Grade I                                                       | Grade II |                 |
| 1. Appearance . . . . .                                         | Brown liquid of low viscosity, fluorescent in reflected light |          |                 |
| 2. Content of sulfonic acids, per cent not lower than . . . . . | 55                                                            | 50       | 50              |
| 3. Ratio of sulfonic acids to oil, not lower than . . . . .     | 9.6                                                           | 7        | 2.5             |
| 4. Ratio of sulfonic acids to sulfuric acid, not lower than . . | 50                                                            | 40       | 17              |
| 5. Ratio of sulfonic acids to ash, not lower than . . . . .     | 300                                                           | 80       | 100             |
| 6. [Fat] splitting ability, per cent not lower than . . . . .   | —                                                             | —        | 91              |
| 7. Molecular weight of sulfonic acids, not lower than . . . . . | —                                                             | —        | 290             |
| 8. Miscibility with water without liberating oil . . . . .      | In any proportion                                             |          |                 |

Note: The molecular weight may be determined in average samples.

\* Government Standard

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